

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01N21/03

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) I PC  $\,\,7\,\,\,\,$  G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.				
US 5 371 020 A (FRISCHAUF PETER A) 6 December 1994 (1994-12-06) figures la-1c	1–26				
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	US 5 371 020 A (FRISCHAUF PETER A) 6 December 1994 (1994–12–06) figures 1a-1c  US 5 035 494 A (FOLDENAUER KENNETH J) 30 July 1991 (1991–07–30) figures 1,8,10  EP 0 695 937 A (RADIOMETER MEDICAL AS) 7 February 1996 (1996–02–07) figures 11–13  EP 1 215 479 A (BAYER AG) 19 June 2002 (2002–06–19)				

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents:      A* document defining the general state of the art which is not considered to be of particular relevance     E* earlier document but published on or after the international filing date      C* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)      O* document referring to an oral disclosure, use, exhibition or other means      P* document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search 21 January 2005	Date of mailing of the international search report  28/01/2005		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax: (+31–70) 340–3016	Authorized officer  Mason, W		

In atlonal Application No PCT/US2004/036086

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US 6 123 820 A (BERGKUIST CAROLYN ET AL) 26 September 2000 (2000-09-26) figure 11	1–26
US 4 756 884 A (ALLEN JIM ET AL) 12 July 1988 (1988-07-12) figure 6a	1-26
	FR 2 835 617 A (JUNIOR INSTR) 8 August 2003 (2003-08-08) figure 2  US 6 123 820 A (BERGKUIST CAROLYN ET AL) 26 September 2000 (2000-09-26) figure 11  US 4 756 884 A (ALLEN JIM ET AL) 12 July 1988 (1988-07-12) figure 6a

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